## WASHINGTON STATE DEPARTMENT OF HEALTH OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS

### ANNUAL GROWING AREA REVIEW

**PREPARED BY:** Donald Melvin, Environmental Specialist

**AREA:** Mystery Bay

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved, Conditionally Approved

### **ACTIVITIES IN THE GROWING AREA IN 2005:**

Samples were collected from the growing area 6 times during the year using the systematic random sampling method. The "conditionally approved" area was closed from May 1 through September 30 in accordance with the management plan. The "conditionally approved" area was sampled 3 times when it was in open status. Elevated biotoxin levels resulted in a closure from 9/23/05 to 12/6/05.

### ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

### CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

#### **CLASSIFICATION STATUS:**

	Well within the classification standards
$\boxtimes$	Meets standards but some concerns
	Meets standards but threatened with a downgrade in classification
	Fails to meet classification standards

### **REMARKS AND RECOMMENDATIONS:**

Table #1 shows that all stations meet the NSSP water quality standards for approved and conditionally approved classification and the area is correctly classified. The area is listed as "of concern" due to the potential for pollution from large numbers of boats that moor in Mystery Bay.

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## MANAGEMENT PLAN EVALUATION – BRIEFLY DESCRIBE THE FOLLOWING COMPONENTS:

1.	Have all parties involved complied with the conditions in the management plan	Yes
2.	Has reporting been adequate to manage the conditional area	Yes
3.	Does the area consistently meet approved area criteria when it is open for harvest	Yes
4	Has a field inspection of critical pollution sources been conducted	Vac

## **TABLE 1**

### **SUMMARY OF MARINE WATER DATA (SRS)**

Growing Area: MYSTERY BAY

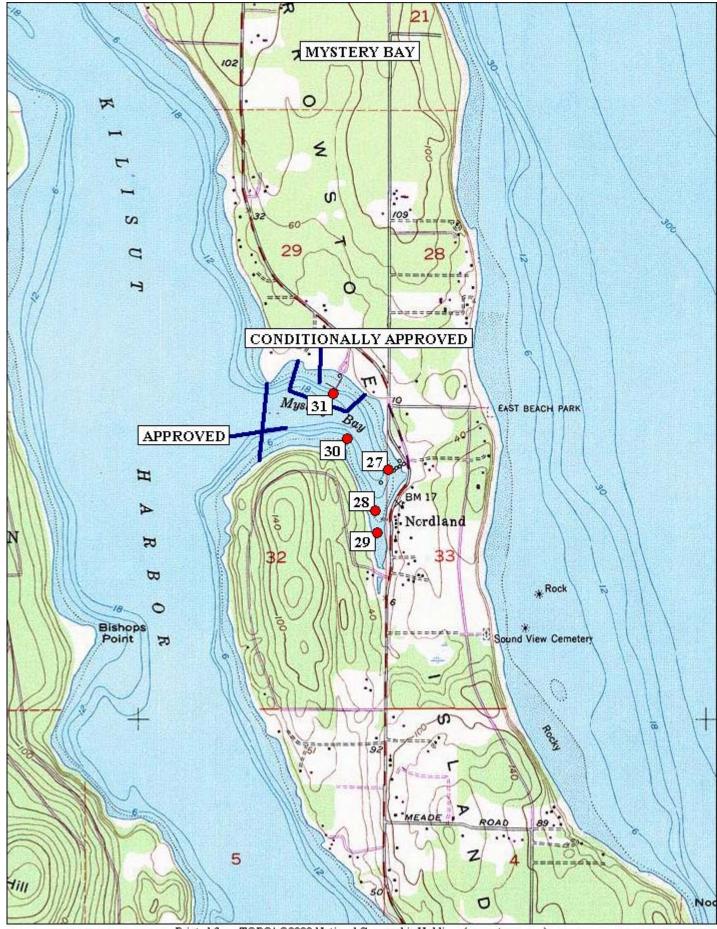
Classification: Approved, Conditionally Approved

## From **01/10/2001** To **11/22/2005 FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
27	Approved	30	1.7 - 4.5	1.9	2.0	Yes
28	Approved	30	1.7 - 13.0	1.9	3.0	Yes
29	Approved	30	1.7 - 7.8	2.0	3.0	Yes
30	Approved	30	1.7 - 11.0	1.8	2.0	Yes
31	Conditionally Approved	30	1.7 - 4.5	1.9	2.0	Yes

### All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.



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